

IN THE CLAIMS

Cancel claims 1-20 without prejudice.

21(Original). A circuit, comprising:

a linear amplifier bias circuit comprising first means for adjusting for process variations and environmental variations; and

a non-linear amplifier bias circuit comprising second means for adjusting for process variations and environmental variations, wherein the second means for adjusting for process variations and environmental variations is a function of the first means for adjusting for process variations and environmental variations.

22(Original). The circuit of claim 21, further comprising:

a linear amplifier coupled to the linear amplifier bias circuit, wherein the linear amplifier bias circuit comprises a reference device that is disposed in relation to the linear amplifier so as to comprise the first means for adjusting for process variations and environmental variations.

23(Original). The circuit of claim 21, wherein the first means for adjusting for process variations and environmental variations comprises a current mirror.

24(Original). The circuit of claim 21, wherein the first means for adjusting for process variations and environmental variations comprises means for producing a first voltage and the second means for adjusting for process variations and environmental variations includes means for producing a second voltage that is a function of the first voltage.

25(Original). The circuit of claim 21, wherein the linear amplifier bias circuit comprises a voltage follower coupled to a reference device, the circuit further comprising:
a carrier amplifier coupled to the voltage follower.

26(Original). The circuit of claim 25, wherein the non-linear amplifier bias circuit comprises a voltage buffer coupled to a scale/level shift circuit, the circuit further comprising:
a non-linear amplifier coupled to the voltage buffer, wherein the scale/level shift circuit is coupled to the voltage follower.

27(Original). The circuit of claim 26, wherein the linear amplifier is configured to function as a carrier amplifier and the non-linear amplifier is configured to function as a peaking amplifier in a Doherty amplifier.

28(Original). The circuit of claim 27, wherein the linear amplifier bias circuit is a class AB amplifier bias circuit and wherein the non-linear amplifier bias circuit is a class C amplifier bias circuit.

29(Added). A method, comprising:

adjusting for process variations and environmental variations with a first means in a linear amplifier bias circuit; and

adjusting for process variations and environmental variations with a second means in a non-linear amplifier bias circuit, wherein the second means for adjusting for process variations

and environmental variations is a function of the first means for adjusting for process variations and environmental variations.

30(Added). The method of claim 29, further comprising:

biasing a with a linear amplifier bias circuit that is coupled to the liner amplifier, wherein the linear amplifier bias circuit comprises a reference device that is disposed in relation to the linear amplifier so as to comprise the first means from adjusting for process variations and environmental variations.

31(Added). The method of claim 29, wherein the first means for adjusting for process variations and environmental variations comprises a current mirror.

32(Added). The method of claim 29, wherein the first means for adjusting for process variations and environmental variations comprises means for producing a first voltage and the second means for adjusting for process variations and environmental variations includes means for producing a second voltage that is a function of the first voltage.